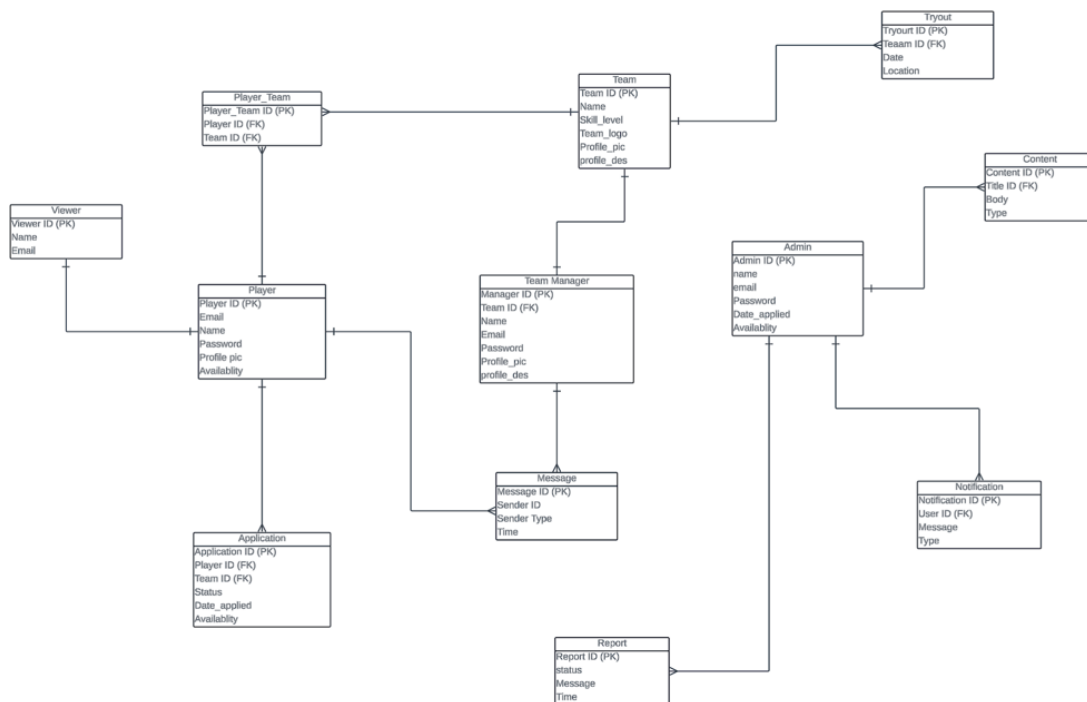


DELIVERABLE 2 : ERD



Entities, Attributes, and Descriptions

1. Player

- Primary Key (PK): Player_ID
- Attributes:
 - Email
 - Name
 - Password
 - Profile_pic
 - Availability
- Description: Represents an individual who wants to join a team.

2. Team

- Primary Key (PK): Team_ID
- Attributes:
 - Name
 - Skill_level
 - Team_logo
 - Profile_pic
 - Profile_des
- Description: Represents a sports team that players can apply to or be assigned to.

3. Team Manager

- Primary Key (PK): Manager_ID
- Foreign Key (FK): Team_ID
- Attributes:
 - Name
 - Email
 - Password
 - Profile_pic
 - Profile_des
- Description: Manages a team and handles recruitment and communication.

4. Player_Team

- Primary Key (PK): Player_Team_ID
- Foreign Keys (FK): Player_ID, Team_ID
- Description: Links players with teams they are part of.

5. Application

- Primary Key (PK): Application_ID
- Foreign Keys (FK): Player_ID, Team_ID
- Attributes:
 - Status
 - Date_applied
 - Availability
- Description: Represents a player's application to a specific team.

6. Message

- Primary Key (PK): Message_ID
- Attributes:
 - Sender_ID
 - Sender_Type
 - Time
- Description: Messaging system used between players, team managers, or admins.

7. Tryout

- Primary Key (PK): Tryout_ID
- Foreign Key (FK): Team_ID
- Attributes:
 - Date
 - Location
- Description: Tryout sessions scheduled by teams for recruiting players.

8. Viewer

- Primary Key (PK): Viewer_ID
- Attributes:
 - Name
 - Email
- Description: Casual users who can browse the platform but not apply to teams.

9. Admin

- Primary Key (PK): Admin_ID
- Attributes:
 - Name
 - Email
 - Password
 - Date_applied
 - Availability
- Description: Admin users who manage the system, monitor content, and handle reports.

10. Report

- Primary Key (PK): Report_ID
- Attributes:
 - Status
 - Message
 - Time
- Description: Reports submitted by users or team managers about inappropriate behavior or system issues.

11. Content

- Primary Key (PK): Content_ID
- Foreign Key (FK): Title_ID
- Attributes:
 - Body
 - Type
- Description: Articles, blog posts, or informational content displayed on the platform.

12. Notification

- Primary Key (PK): Notification_ID
- Foreign Key (FK): User_ID
- Attributes:
 - Message
 - Type
- Description: System-generated notifications sent to players, managers, or viewers.

Relationships

- Player – Application (1:N)
A player can have multiple applications to different teams.
- Team – Application (1:N)
A team can receive many applications from different players.
- Team – Team Manager (1:1)
Each team is managed by one team manager.
- Team – Tryout (1:N)
A team can organize multiple tryouts.
- Player – Player_Team – Team (M:N)
A player can be part of multiple teams, and a team can have multiple players.
- Message – Player / Team Manager / Admin
Messages enabling communication across different user types.
- Admin – Report (1:N)
Admins can view or resolve multiple reports.
- Admin – Content (1:N)
Admins manage multiple content entries.
- Notification – User (Player / Manager / Viewer) (M:1)
Notifications are tied to users.